

## **CLAIMS**

**What is claimed is:**

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1. An integrated electrician's measuring apparatus for marking and locating the position of electrical boxes, switches and outlets comprising:

a) an elongated body having a first end, a second end, a front side and a back side;

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b) a plurality of slots disposed on said body at a plurality of locations, each location determining placement of the electrical boxes, switches and outlets in accordance with selected standards and codes;

c) a set of indicia on the left and right edge of said front side for indicating the distance from said first end; and

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d) a level for leveling the length of said apparatus vertically,  
whereby said measuring apparatus positions said electrical boxes, switches and outlets in level at precise locations above regular and irregular floor in compliance with applicable requirements of said standards and codes.

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2. An apparatus as recited by claim 1, further including a textual portion of said code or standard.

3. An apparatus as recited by claim 1, further including a heel plate at said first end.

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4. An apparatus as recited by claim 1, wherein said measuring apparatus is foldable.
  5. An apparatus as recited in claim 1, wherein the elongated body at the first end  
5 has a width of two to four inches.
  6. An apparatus as recited by claim 3, wherein the heel plate hinged to the said elongated body.
  - 10 7. A method of using a measuring apparatus for marking and locating the position of electrical boxes, switches and outlets in compliance with standard electrical codes and standards, comprising the steps of:
    - (a) placing said apparatus having a built in level and a set of slots against a wall with first end resting on the highest point on the floor;
    - 15 (b) orienting said apparatus vertically in level using said built-in level;
    - (c) identifying a slot disposed on an elongated body of said apparatus that corresponds to the standard location of the electrical box, as required by said codes and standards;
    - (d) marking the location for said electrical box on the wall; and
    - 20 (e) positioning said electrical boxes, switches and outlets on said marked wall location.
- whereby the electrical box, switch or outlet box positioned in compliance with said codes and standards.

8. A method of using a measuring apparatus for marking and locating the position of electrical boxes, switches and outlets in compliance with standard electrical codes and standards, comprising the steps of:

5 (a) placing said apparatus having a built in level and a set of indicia on left and right edge of a front side against a wall with first end resting on the highest point on the floor;

(b) orienting said apparatus vertically in level using said built-in level

(c) identifying a first indicia point on said left edge of the front side of the apparatus corresponding to a standard location of said electrical box, switch or  
10 outlet, as required by said codes and standards distance;

(d) identifying a second indicia point on said right edge of the front side of the apparatus having a value equivalent to said first indicia point corresponding to the same standard location of electrical box, switch or outlet, as required by said codes and standards distance;

15 (e) marking on the wall, at said first and second indicia points, location points for said box; and

(f) positioning said box on said marked wall location so that its edges are aligned with said indicia point markings,

20 whereby the electrical box, switch or outlet box positioned in compliance with said codes and standards.